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October 27, 2006

CDM Project File: 27355-47930, 5.2

Ms. Ana Townsend
California Regional Water Quality Control Board - Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Subject: **Quarterly Report No. 19 - Third Quarter 2006 Full-Scale SVE System**
Boeing Realty Corporation, Former C-6 Facility
19503 South Normandie Avenue
Los Angeles, California

Dear Ms. Townsend:

On behalf of Boeing Realty Corporation (BRC), Camp Dresser & McKee Inc. (CDM) is submitting the above-referenced document for your review.

If you have any questions or concerns regarding this document, please call the undersigned at (949) 752-5452 or Beth Breitenbach at (619) 285-7109.

Very truly yours,

Ravi Subramanian, P.E.
Principal Engineer

Enclosure

Cc: Mario Stavale, BRC
Robert Scott, BRC (W/o enclosure)
Joe Weidmann, Haley & Aldrich, Inc. (W/o enclosure)



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SVE System Description and History

SVE pilot testing at the Site was conducted between July and October 2001, when the pilot SVE system was shut down and the SVE wells were abandoned to accommodate Site grading. The pilot SVE system was re-installed and re-started in December 2001 and operated through March 2002.

Full scale SVE treatment of deep soils at the Site was started in May 2002. The full-scale SVE system then consisted of 43 well screens (17 dual and nine single screened SVE wells), a trailer-mounted 1,000 standard cubic feet per minute (scfm) blower system, three 8,000 pounds (lbs) granular activated carbon (GAC) vapor control vessels (primary, secondary, and stand-by), and associated piping.

In June 2002, unexpected exothermic carbon reactions with 2-Butanone (MEK) present in the influent stream required that the SVE system be shut down for repairs and modifications. The system was restarted on March 11, 2003. After system modifications, the system was optimized to remove mass and follow a seven-day carbon change-out frequency. Three, single-screened SVE wells were installed in June 2004. Full scale SVE treatment of deep soils at the Site continued through September 2004, when the system was shut down to facilitate Site redevelopment.

Prior to Site redevelopment, the SVE wells were cut, capped, surveyed, and buried at least 3 feet bgs to protect them from Site redevelopment activities. The SVE mechanical equipment, including carbon vessels, was removed and stored at an off-Site location. Between February 2005 and March 2006, during Site redevelopment, 46 well screens (17 dual and 12 single screened SVE wells) were uncovered and connected (including three new single screened wells), via subsurface piping, to the remediation compound located at the northeast corner of the Site (Figure 2) and the SVE mechanical equipment was re-mobilized to the Site. Full scale SVE system operations were restarted on March 2, 2006.

Operational Summary

Operations for the Third Quarter 2006 covered the period July 1, 2006 through September 30, 2006. Operational data for the full-scale SVE system is presented in Table 1.

Total hours of operation for this quarter were approximately 2208. The system was operated on a 24-hour-per-day basis with the exception of GAC change outs. Percent up time based on all hours in the third quarter is 82.1 percent. The system monthly percent operation time is